**Ceiling Cutout: 8 1/4" Dia.**

Reflector Trim			Frame-In Kit	Lamp
Finish	Self Flange Polished	Self Flange Painted White	PLW7P38D	PAR38 250W Max.
Specular Clear Alzak®	LW7CLP	LW7CLW		
Specular Gold Alzak®	LW7GDP	LW7GDW		
Specular Black Alzak®	LW7BKP	LW7BKW		

Features

- Housing:** Steel .029" (22 ga.) matte black finish. Top Housing: aluminum, .050" (16 ga.) matte black inside. Removable for top relamping.
- Mounting Frame:** Die-cast aluminum; suitable for dry or plaster ceilings.
- Aperture Cone:** Specular Alzak® aluminum, .050" (16 ga.).
- Lampholder Assembly:** Die-cast aluminum "U" shaped lamp holder provided with tension springs for fast snap-in/snap-out side mounting of lamp.
- Mounting Brackets:** Adjust vertically from inside or outside of fixture. Durable .059" (16 ga.) steel construction. Use with standard 3/4" or 1 1/2" lathing channels, or 1/2" (11/16" O.D.) EMT tubing (by others), or Lightolier accessory mounting bars.
- Junction Box:** 2 7/8" x 3 1/2" x 4"; .063" (14 ga.) galvanized steel. U.L. listed for maximum of 8 No. 12 AWG 90°C through branch circuit wires. Accessible from inside and outside of fixture. Outside J-Box door is hinged for maximum opening. Snap-in plug is provided on inside cover for quick connection with socket harness.
- Socket Harness:** Porcelain socket-medium base. Nickel plated screw shell. Pre-wired with No. 18 SF-1 leads to plastic plug-in connector.
- Wall Wash Reflector:** Anodized aluminum, .040". Designed to efficiently redirect light toward wall.
- Spread Lens:** Heat resistant tempered glass designed to evenly spread light on wall.
- Thermal Protector:** Meets NEC and UL requirements.

Options & Accessories

- Mounting bars:** 1950 - 18" set of (2)
1951 - 27" set of (2)
- T-bar Anchor Clips:** 1956 - set of (4), for use with above

For other reflector finishes, consult factory.

Labels

U.L. Listed (Suitable for Damp Locations); I.B.E.W.

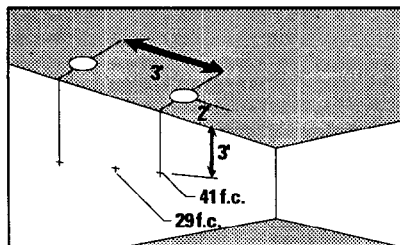
Alzak® is a registered trademark of ALCOA.

US Patent No. 5,562,343.

Job Information

Type:

Job Name:**Cat. No.:****Lamp(s):****Notes:**

**LIGHTING DATA**

EXAMPLE: With multiple 100W PAR38 FL (HIR) units located 2' from wall and 3' on center, the illumination on the wall 3' down from the ceiling is 41 f.c. beneath and 29 f.c. between fixtures.

FOOTCANDLES ON WALL FROM MULTIPLE UNITS

100W PAR38 FL (HIR)									
UNITS 2 FEET FROM WALL									
DISTANCE FROM CEILING, FT.	2'			3'					
	1	14	12	14	11	7	11		
	2	45	40	45	36	22	36		
	3	54	50	54	41	29	41		
	4	47	46	47	34	29	34		
	5	38	38	38	27	25	27		
	6	30	30	30	21	20	21		
	7	24	24	24	17	16	17		
	8	19	19	19	14	14	14		
	9	17	17	17	12	12	12		
UNITS 3 FEET FROM WALL									
DISTANCE FROM CEILING, FT.	3'			4'					
	1	3	3	3	3	2	3		
	2	11	10	11	9	7	9		
	3	20	18	20	17	12	17		
	4	25	22	25	20	15	20		
	5	24	23	24	20	16	20		
	6	22	22	22	17	16	17		
	7	20	20	20	15	15	15		
	8	17	17	17	13	13	13		
	9	16	16	16	12	12	12		

For 45W PAR38 FL (T-H), multiply f.c.'s by 0.3.
 For 60W PAR38 FL (HIR), multiply f.c.'s by 0.6.
 For 90W PAR38 FL (T-H), multiply f.c.'s by 0.7.
 For 150W PAR38 FL, multiply f.c.'s by 0.9.
 For 150W PAR38 FL (T-H), multiply f.c.'s by 1.3.

250W PAR38 FL (T-H)									
UNITS 3 FEET FROM WALL									
DISTANCE FROM CEILING, FT.	3'			4'					
	1	8	7	8	7	5	7		
	2	22	21	22	18	14	18		
	3	33	32	33	27	22	27		
	4	37	36	37	30	25	30		
	5	36	35	36	28	26	28		
	6	32	32	32	25	24	25		
	7	28	28	28	22	21	22		
	8	24	24	24	19	18	19		
	9	21	21	21	16	16	16		
	10	18	18	18	14	14	14		
	11	15	15	15	12	12	12		
	12	14	14	13	11	11	11		
	13	12	12	12	10	10	10		
	14	11	11	11	9	9	9		
UNITS 4 FEET FROM WALL									
DISTANCE FROM CEILING, FT.	4'			5'					
	1	3	3	3	3	2	3		
	2	8	8	8	7	6	7		
	3	14	14	14	12	11	12		
	4	19	18	19	16	14	16		
	5	21	20	21	18	16	18		
	6	21	21	21	18	16	18		
	7	20	20	20	17	16	17		
	8	19	19	19	15	15	15		
	9	17	17	17	14	14	14		
	10	15	15	15	13	13	13		
	11	14	14	14	11	11	11		
	12	13	13	13	10	10	10		
	13	12	12	12	10	10	10		
	14	11	11	11	9	9	9		

Footcandle values are averaged and rounded off and are based on a minimum of five units.
 For fixture-to-wall distances, other than those shown, use maximum of 1 of 1 spacing
 (distance between fixtures not more than distance to wall) for best results.

Job Information**Type:**

Lightolier a Genlyte Thomas Company

www.lightolier.com

631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710

We reserve the right to change details of design, materials and finish.

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